



# iNSpira Tri-Lay

This is a vinyl acoustic membrane on either side and a Cross Linked Closed Cell Foam sandwiched in-between. The product is free of lead, unrefined aromatic oils and bitumen. Designed to improve the sound insulation of existing timber floors iNSpira Tri-Lay is particularly effective in overcoming both impact and airborne noise. When used under hard finishes you will need to install a layer of T & G Plywood over the top.

## ADVANTAGES

- . Easy to handle sheet sizes
- . Reduce airborne and impact sound
- . Ideal for refurbishment projects
- . Easy to install
- . Suitable for use on both timber and concrete floors
- . Cost effective
- . Suitable for all final floor finishes

## APPLICATIONS

- . New Build
- . Retrofit,
- . Renovation
- . Office Buildings
- . Residential
- . Hotels

## PHYSICAL INFORMATION

<b><u>Dimensions:-</u></b>	1200 x 1000 x 15mm
<b><u>Colour:-</u></b>	Black
<b><u>Hardness:-</u></b>	90 Shore A
<b><u>Superficial Weight:-</u></b>	16Kg/m <sup>2</sup>
<b><u>Nominal Thickness:-</u></b>	15mm
<b><u>Tensile Strength:-</u></b>	2.6Mps
<b><u>Elongation at Break:-</u></b>	90%
<b><u>Flammability:-</u></b>	FMVSS 302 Self-Extinguishing
<b><u>Service Temperature:-</u></b>	Up to 90 degrees continuous

## ACOUSTIC PERFORMANCE

- . Impact Sound Insulation \*  
Approx 54-50 dB
- . Airborne Sound Insulation \*\*  
Approx 49-54 dB

\* DOC E (July 2003) Building Regulations 62/64dB (minimum)  
\*\* DOC E (July 2003) Building Regulations 43/45dB (minimum)

## INSTALLATION GUIDELINES

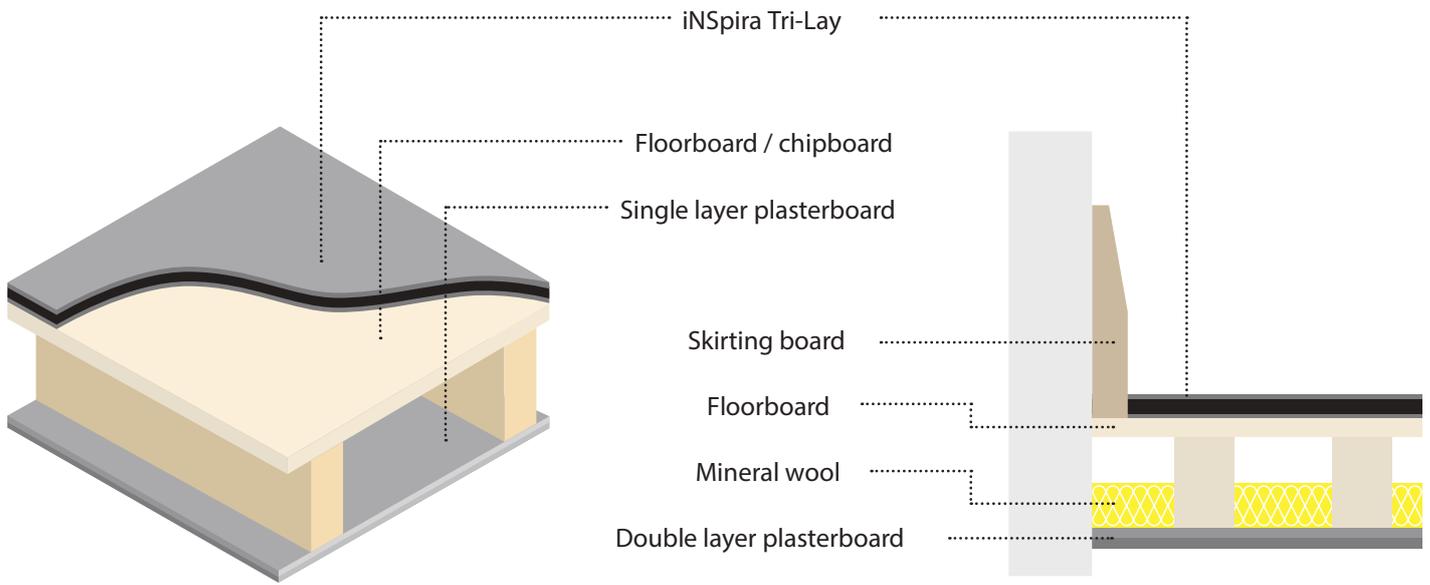
Installation Guidelines upon request.

## INSTALLATION SERVICE

In addition to supply of this product INS Acoustics offers a competitively-priced installation service anywhere in the UK. Use of our service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting acoustic materials correctly.

For further details contact our technical team on 0151 677 8650.

## Wooden Floor



## Concrete Floor

